## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

'In re application of

Docket No: Q78647

Andre APRIOU, et al.

Appln. No.: Not Assigned

Confirmation No.: Not Assigned Group Art Unit: Not Assigned

Filed: December 02, 2003 Examiner: Not Assigned

For: A METHOD AND APPARATUS FOR PLASMA BUILDUP OF AN OPTICAL FIBER

PREFORM, WHILE REDUCING NITROGEN OXIDES

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT

Attorney Docket Q78647

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement

under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for

foreign language documents, Applicants enclose herewith a copy of a Communication from a

foreign patent office in a counterpart application citing such documents, together with an

English-language version (if not already included) of at least that portion of the Communication

indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicants do not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

Registration No. 28,703

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WASHINGTON OFFICE

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CUSTOMER NUMBER

Date: December 2, 2003

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| Substitute for Form 1449 A & B/PTO |                | Complete if Known |                        |                   |   |
|------------------------------------|----------------|-------------------|------------------------|-------------------|---|
| Substitution Form 144              | JAC BILLO      |                   | Application Number     | Not Assigned      |   |
| INFO                               | RMATION        | DISCLOSURE        | Confirmation Number    | Not Assigned      | _ |
| STATEMENT BY APPLICANT             |                |                   | Filing Date            | December 02, 2003 |   |
|                                    |                |                   | First Named Inventor   | Andre APRIOU      |   |
| (use                               | e as many shee | ts as necessary)  | Art Unit               | Not Assigned      |   |
|                                    |                |                   | Examiner Name          | Not Assigned      |   |
| Sheet                              | 1              | of 1              | Attorney Docket Number | Q78647            |   |

| U.S. PATENT DOCUMENTS |                          |                 |   |                                |   |  |
|-----------------------|--------------------------|-----------------|---|--------------------------------|---|--|
| Examiner<br>Initials* |                          | Document Number |   |                                |   |  |
|                       | Cite<br>No. <sup>1</sup> | Number          | Kind<br>Code <sup>2</sup><br>(if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |  |
|                       | _                        | US 4,689,212    |   | 08/25/87                       | Mansfield                                       |  |
|                       |                          | US 4,402,720    |   | 09/06/83                       | Edahiro   |  |
|                       |                          | US              |   |                                |   |  |
|                       |                          | US              |   |                                |   |  |
|                       |                          | US              |   |                                |   |  |
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|                       |                          | US              |   |                                |   |  |
|                       |                          | US              |   |                                | _   |  |

| FOREIGN PATENT DOCUMENTS |                         |                                   |            |                             |                          |                                       |     |
|--------------------------|-------------------------|-----------------------------------|------------|-----------------------------|--------------------------|---------------------------------------|-----|
| Initialst No.1 Country   | Foreign Patent Document |                                   |            | Publication Date            | Name of Patentee or      |                                       |     |
|                          | Number <sup>4</sup>     | Kind Code <sup>5</sup> (if known) | MM-DD-YYYY | Applicant of Cited Document | Translation <sup>6</sup> |                                       |     |
|                          |                         | EP                                | 0 401 742  | A1                          | 12/12/90                 | Compagnie Generale D'Electricite      | No  |
|                          | _                       | WO                                | 99/52832   |                             | 10/21/99                 | Fibercore, Inc.                       | Yes |
|                          |                         | GB                                | 2 134 896  | A                           | 08/22/84                 | International Standard Electric Corp. | Yes |
|                          |                         |                                   |            |                             |                          |                                       |     |
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|                          |                         | <u> </u>                          |            |                             |                          |                                       |     |
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|                          |                         | <u> </u>                          |            |                             |                          |                                       |     |

| NON PATENT LITERATURE DOCUMENTS |              |  |     |  |
|---------------------------------|--------------|--|-----|--|
| Examiner<br>Initials*           | Cite<br>No.1 | The state of the name of the name (in order 1212), the of the name of the order (book, magazine,                                     |     |  |
|                                 |              | PATENT ABSTRACTS OF JAPAN, Vol. 1995, No. 02, March 31, 1995 corresponding to JP 06 321552 A (Fujikura Ltd.) dated November 22, 1994 | Yes |  |
|                                 |              |  |     |  |
|                                 |              |  |     |  |
|                                 |              |  |     |  |

| Examiner Signature |         | Date Considered |   |
|--------------------|---------|-----------------|---|
|                    | <u></u> | Date Considered | l |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.